

## ABSTRACT OF THE DISCLOSURE

Control signal transmitting and receiving methods for video/audio processing integrated circuit (IC), the method applied to a video player, and an apparatus therefor are provided. The control signal transmitting method, in a video player having an integrated circuit (IC) for processing video/audio signals and a microprocessor generating control signals to control the IC, has the steps of mapping serial data corresponding to possible control states of the video/audio signal processing IC, and storing the mapped data in a lookup table, reading serial data corresponding to a control state of the video/audio signal processing IC requested by the microprocessor, from the lookup table; and transmitting the serial data to the video/audio signal processing IC, being synchronized to a clock signal. Since in the control signal transmitting and receiving method the number of pins of an A/V IC decreases greatly compared to the conventional parallel transmitting and receiving method, the cost of manufacturing A/V ICs can be reduced to strengthen the competitiveness of products.